

**Marked Up Copy of Claims Amended  
in the Amendment Filed in Response to the  
Office Action Dated 13 February 2002**

8. (Twice Amended) An isolated polypeptide that exhibits a TANGO 294 activity and is selected from the group consisting of:

a) a fragment of a polypeptide which has an amino acid sequence comprising any one of SEQ ID NOs: 47-~~52~~, 49, and the amino acid sequence encoded by ~~a cDNA of the clone EpT294, which was deposited as ATCC<sup>®</sup> Accession Number 207220~~, wherein the fragment comprises at least 40 contiguous amino ~~acids~~ acid residues of either ~~of~~ SEQ ID NO: 47 ~~and or~~ the amino acid sequence encoded by ~~a cDNA of the clone EpT294 deposited as ATCC<sup>®</sup> 207220~~;

b) ~~a naturally occurring allelic~~ variant of a polypeptide that has an amino acid sequence comprising any one of SEQ ID NOs: 47-~~52~~, 49, and the amino acid sequence encoded by a ~~cDNA of the clone deposited as ATCC<sup>®</sup> 207220~~ EpT294, wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule having the nucleotide sequence of any one of SEQ ID NOs: 45 ~~and~~, 46, ~~a and~~ a cDNA of the clone deposited as ATCC<sup>®</sup> 207220 EpT294, or a complement thereof, under stringent conditions, wherein the stringent conditions comprise hybridization in 6 × sodium chloride/sodium citrate buffer (SSC) at 45°C, followed by washing in 0.2 × SSC comprising 0.1% SDS at 65°C; and

c) a polypeptide which is encoded by a nucleotide sequence having a portion which is at least 90% identical to any one of SEQ ID NOs: 45 ~~and~~, 46, ~~and~~ the nucleotide sequence of a ~~cDNA of the clone deposited as ATCC<sup>®</sup> 207220, or a complement thereof~~ EpT294.

9. (Twice Amended) The isolated polypeptide of claim 8, having the amino acid sequence of any one of SEQ ID NOs: 47-~~52~~, 49, and the amino acid sequence encoded by ~~a cDNA of the clone deposited as ATCC<sup>®</sup> 207220, or a complement thereof~~ EpT294.

24. (Amended) The isolated polypeptide of claim 8,

wherein the isolated polypeptide is a fragment of a polypeptide which has an amino acid sequence comprising any one of SEQ ID NOs: 47-~~52~~, 49, and the amino acid sequence encoded by a ~~cDNA of the clone deposited as ATCC<sup>®</sup>-207220~~ EpT294, and

wherein the sequence of the fragment comprises at least 40 contiguous amino ~~acids~~ acid residues of SEQ ID NO: 47.

25. (Amended) The isolated polypeptide of claim 24, wherein the sequence of the fragment comprises at least 75 contiguous amino ~~acids~~ acid residues of SEQ ID NO: 47.

26. (Amended) The isolated polypeptide of claim 24, wherein the sequence of the fragment comprises at least 150 contiguous amino ~~acids~~ acid residues of SEQ ID NO: 47.

28. (Amended) The isolated polypeptide of claim-~~24~~ 8, wherein the ~~isolated polypeptide exhibits a property~~ TANGO 294 activity is selected from the group consisting of

- i) ability to modulate absorption of a lipid;
- ii) ability to modulate metabolism of a lipid; ~~and~~
- iii) ability to modulate transport of a lipid; and
- iv) lipase activity.

30. (Amended) The isolated polypeptide of claim 8,

wherein the isolated polypeptide is a ~~naturally occurring allelic~~ variant of a polypeptide that has an amino acid sequence comprising any one of SEQ ID NOs: 47-~~52~~, 49, and the amino acid sequence encoded by a ~~cDNA of a clone deposited as ATCC<sup>®</sup>-207220~~ EpT294, and

wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule having the nucleotide sequence of any one of SEQ ID NOs: 45 ~~and~~, 46, ~~and a cDNA of the clone deposited as ATCC<sup>®</sup> 207220~~ EpT294, or a complement thereof, under stringent conditions, wherein the stringent conditions comprise hybridization in 6 × sodium chloride/sodium citrate buffer (SSC) at 45°C, followed by washing in 0.2 × SSC comprising 0.1% SDS at 65°C.

35. (Amended) The isolated polypeptide of claim 8, wherein the isolated polypeptide is encoded by a nucleotide sequence having a portion which is at least 90% identical to any one of SEQ ID NOs: 45 ~~and~~, 46, ~~and the nucleotide sequence of a cDNA of the clone deposited as ATCC<sup>®</sup> 207220, or a complement thereof~~ EpT294.